

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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--8. (New) A method for controlling a search mode by means of a tape transport control in a video recorder according to the helical scan method, said video recorder being enabled for recording and/or reproduction of digital television signals in slanted tracks on a recording medium,

wherein numbering of said slanted tracks is provided in a longitudinal track recording via successive control pulses during a recording of said digital television signals, and

a search mode for digital television signals is carried out by evaluating said control pulses using the following steps:

- a) inputting a stop time of the search in a first time period;
- b) determining a tape position as the start position by reading control pulses at a first tape transport speed in a second time period;
- c) calculating a target position by means of a microprocessor with regard to said start position in a third time period;
- d) accelerating the tape transport to a second tape transport speed by means of a tape winding device and holding said second tape transport speed during a fourth time period;
- e) controlling the tape transport by reading and evaluating successive control pulses with reference to the start and/or target position during said fourth time period;
- f) reducing said second tape transport speed in the vicinity of the target position to said first tape transport speed in a fifth time period; and,
- g) controlling the search by reading and evaluating the slanted track numbering by moving to the target position at said first tape transport speed in a sixth time period, until said target position is reached.

9. (New) Method according to claim 1, wherein said evaluation of said control pulses is effected by counting successive control pulses.

10. (New) Method according to claim 1, wherein said calculating step includes: converting a difference between the slanted track number provided as said start position and the slanted track number provided as said target position into a control pulse train.

11. (New) Method according to claim 10, wherein said converting step includes: changing said control pulse train into a relative search duration in which said start position is used as an absolute start time.

12. (New) Method according to claim 1, wherein said determining step includes reading control pulses at a first tape transport speed corresponding to a reproduction tape speed.

13. (New) Method according to claim 1, wherein said accelerating step includes maintaining said second tape transport speed corresponding to a to a wind or rewind speed of said video recorder. --